COMPRO TECHNOLOGY

DATASHEET

TN96P

2-Megapixel / PoE / H.264 / Day & Night / microSD / Cloud Network Camera

2-Megapixel/H.264
Cloud Network Camera
The smart cloud solution to view your parents, childrens and pets on your smartphone or tablet!
COMPRO
PoE Support
IEEE 802.3af class 3 Type B

- Small and smart functional design
- 2 Megapixel / HD resolution
- 10x digital zoom
- Day / Night functionality with built-in IR-cut filter and IR LEDs
- Dual H.264/MJPEG video stream
- Composite video output for TV
- Digital I/O & RS-485 connector
- Exclusive C4Home cloud app
- microSDHC slot for storing event snapshots and recordings
- Push Notification and Audio Alarm
- Air Firmware Update
- Share video and private mode
- Dropbox cloud storage support
- Smart Motion & Audio Detection
- Smartphone two-way audio
- Upgradable Compro 802.11 b/g/n wireless adapter
- Power-over-Ethernet Support

Compro TN96P network camera offers clear and sharp video quality in all lighting conditions. With the latest cloud technology, plug-n-play design and super easy QR code installation, it's the best cloud solution to protect your home and valuable possessions from anywhere in the world.

High Quality Megapixel/HD Image

The 2 megapixel/HD resolution TN96P offers lets you view details and identify people and objects at least three times better than on a conventional CCTV camera. The maximum 1600 by 1200 resolution allows TN96P to capture video from a wide area, effectively reducing the number of cameras required in building a reliable video surveillance network.

True Day & Night Functionality for 24/7 Surveillance

TN96P offers Day/Night functionality with its mechanical IR-cut filter, 6 IR LEDs, and a professional-class ambient light sensor, all aimed at providing crystal clear images round-the-clock. The light sensor detects environmental lighting conditions. When in low-light conditions, the 6 built-in IR LEDs are automatically switched on to provide additional infrared light that helps deliver clear night-time image.

Exclusive C4Home Mobile App

You can download the exclusive and feature-rich C4Home camera viewer app to view and manage your Compro cameras on the iPhone or Androiddevices. Also, the free C4Home mobile app enables you to securely share camera video with your friends and families on your friends list.

Easy Installation and Setup

The camera is so easy to set up that even novice users can complete the setup in seconds. Unlike other network cameras, installing this camera does not require any networking expertise. Nor is any sort of router setup required - simply plug in the cable, scan QR code for mobile app and camera install, and then your network camera is ready to be viewed and shared on the Internet.

Power-over-Ethernet Support

TN96P additionally supports PoE, which helps eliminate the need for a power outlet at the installation site and provides flexibility and convenience in installing the camera in the ideal location.

Intelligent Home Surveillance Solution

Not just cloud monitoring, TN96P offers a wealth of applications to provide an intelligent surveillance solution, such as iWizard and WebVUer. iWizard is a smart installer to turn the complicated network camera installation into a simple and fast process. WebVUer is an intuitive IE-based video management software loaded with all the key features for trouble-free remote monitoring.

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Camera

Image Sensor	1/3" CMOS 2 Megapixel sensor
Lens	• Focal Length: 4.0 mm • Max Aperture Ratio: F1.5 • Fixed iris, IR-corrected, adjustable focus
Zoom	10x digital zoom
Angle of View	60° horizontal
Focusing Range	0.5m ~ INF
Minimum Illumination	• IR Mode: 0 lux; using built-in IR light in darkness up to 8m (IR LED x6) • Color Mode: 1.0 lux
Shutter Time	1/5 ~ 1/16000 Sec.

VIDEO

Video Compression	• H.264 (MPEG-4 Part 10) • Motion JPEG
Resolutions	160x120, 320x240, 640x480, 1280x720, 1280x1024, 1600x1200
Frame Rate	• WebVUer up to 15 FPS at 1600 x 1200 (UXGA) • C4Home App up to 30 FPS at 640 x 480
Video Streaming	Dual video stream
Image Settings	• Adjustable image size and quality • AGC, AWB, AES • Configurable brightness, saturation and sharpness

AUDIO

Audio Communication	Two-way audio with built-in MIC (S/N ratio 58 dB, 50-10000hz) and speaker (660mv)
Audio compression	G.711 PCM 64Kbit/sec
Audio input / output	MIC input / Audio out

NETWORK

Wireless LAN	Optional Compro 802.11n USB wireless adapter
Security	• User name / password protection • WEP/WPA/WPA2 encryption (wireless network)
Protocols	TCP/IP, HTTP, UDP, FTP, ICMP, ARP, DHCP, NTP, DDNS, UPnP, RTP, RTSP, RTCP, SMTP, IGMP, 3GPP, IPv4
Ethernet	10/100 Base-T, autosensing, RJ-45

FIRMWARE

Firmware	• Support UPnP • Support online firmware update

WEB BROWSER

Internet Explorer (ActiveX)	• Remotely view and configure camera on IE • Record video and capture snapshots on PC • Alarm and event management: FTP, I/O alarm, server notification, SMS/Email alert
Supported Viewing Devices	• PC, laptop, tablet, nettop with IE8 • iPhone/iPad, BlackBerry, Android, WM, PDA, or cell phones with web browser (MJPEG mode) • Mac OS 10.6 (Live view in M-JPEG mode only)

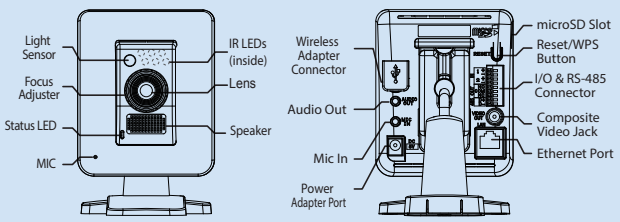
MOBILE MONITOR

Smartphone App	Free mobile applications for iPhone and Android • Motion/audio detection and push notification • Private mode and audio alarm • Smartphone digital zoom control • Air firmware update • Dropbox cloud storage for event snapshot • SD card playback for event recording • Share video to others • Watch 4 channels at the same screen (Android only, not support iOS)
MJPEG Mode	Viewing of camera image via phone browsers
3GPP Mode	Viewing of camera image via 3G phones (3GPP Streaming)

GENERAL

Video Surveillance	Free bundles ComproView 32-channels video management software
Local Storage	microSD/SDHC card slot (supports local storage of snapshots and video recordings)
I/O Connection	Built-in 2-in/1-out digital I/O connector for sirens/alarm connection. RS-485 connector for Pant/Tilt mount controlled device connection.
Operating Condition	0 °C ~ 40 °C (32 °F ~ 104 °F)
Certification	CE, FCC
Power Supply	• DC 5V / 2A • Power-over-Ethernet, IEEE 802.3af class 3 Type B
System Requirements	• Computer with 2.8GHz Dual-Core processor and 2GB memory or above • Supported Operating Systems: Windows XP SP3, Vista SP1, Windows 7, Windows 8, Mac OS 10.6 (Live view in M-JPEG mode only) • PoE switch/router or PoE injector (IEEE 802.3af class 3 Type B) for PoE connection
Package Contents	• Network camera • Software CD (manual included) • Quick installation guide • Power adapter • Ethernet cable • Screws for ceiling mounting • Screw anchor
Dimensions	84 x 124.5 x 91.5 mm (including bracket)

Hardware Overview



Optional Accessory

WL155
802.11 b/g/n Wireless USB Adapter

- Complies with IEEE 802.11b/g/n standard
- High data transfer rate – up to 150Mbps
- 64/128-bit WEP, WPA, WPA2 high-level security
- Portable and mini-size design

PF-200
Single-Port PoE Injector

- Gigabit PoE Injector with IEEE 802.3af (PoE) compliant
- Provides 48Vdc via pairs 4,5(+)& 7,8(-) of RJ-45 cable and for power supply safety
- Up to 16.8w DC output
- Distance up to 100 meters

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Welcome contact us: sales@comprousa.com

COMPRO TECHNOLOGY